

Figure 1

09/890257

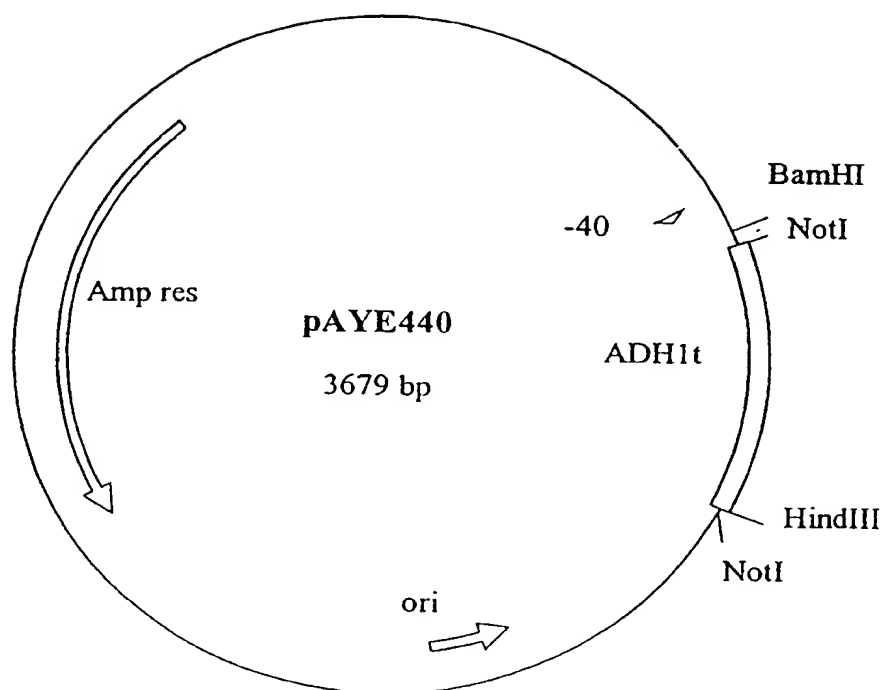


Figure 2

09890257.010403

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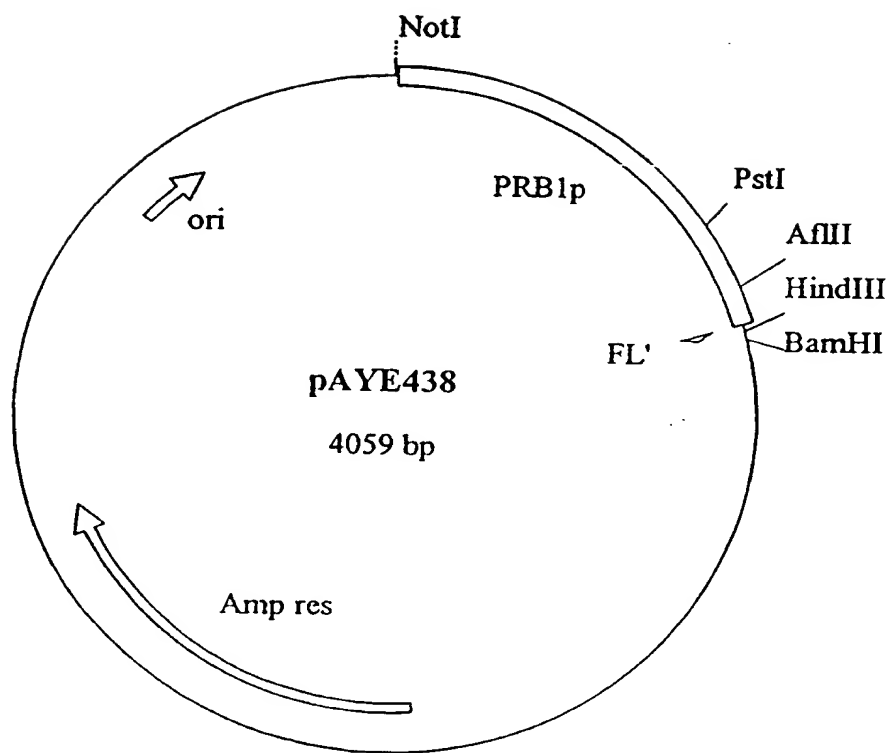


Figure 3

09890297 6206860

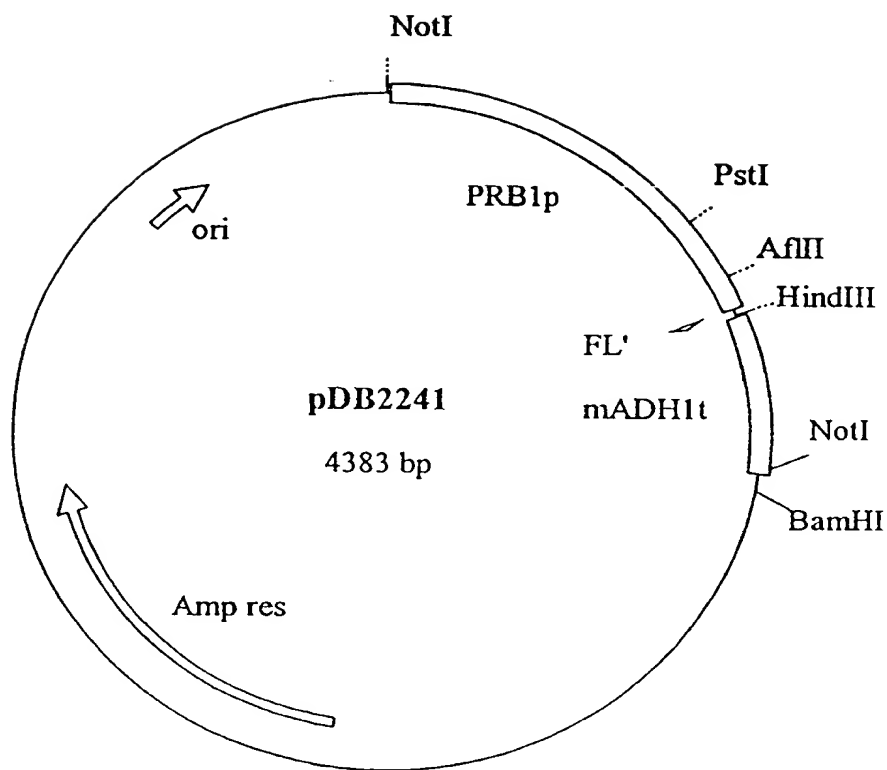


Figure 4

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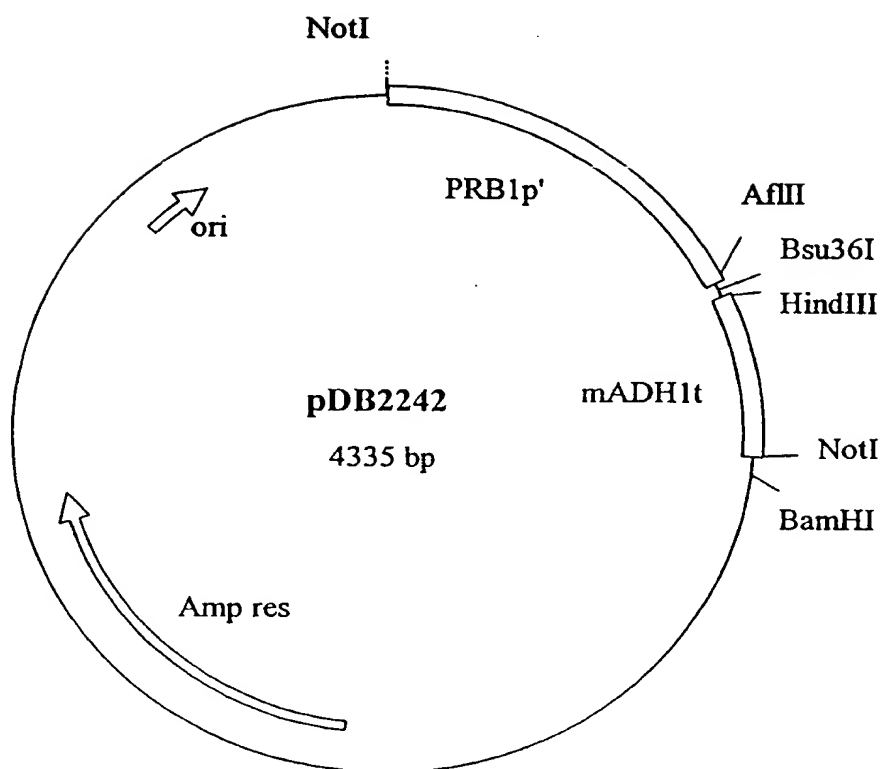


Figure 5

09890297 010402

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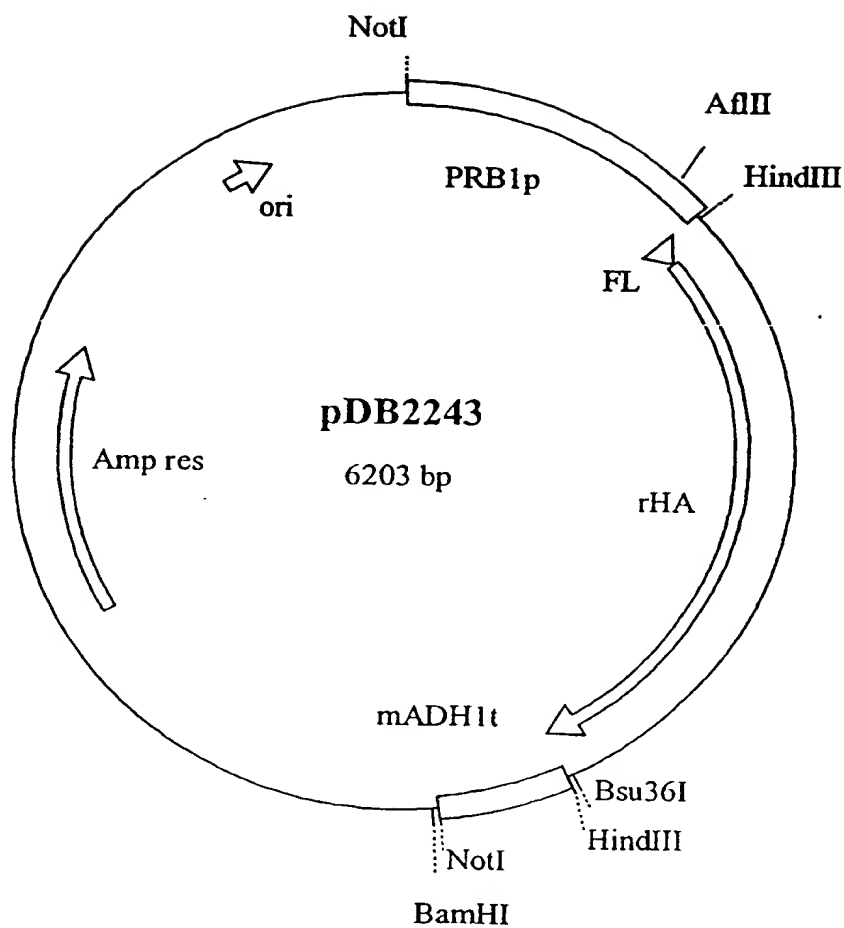


Figure 6

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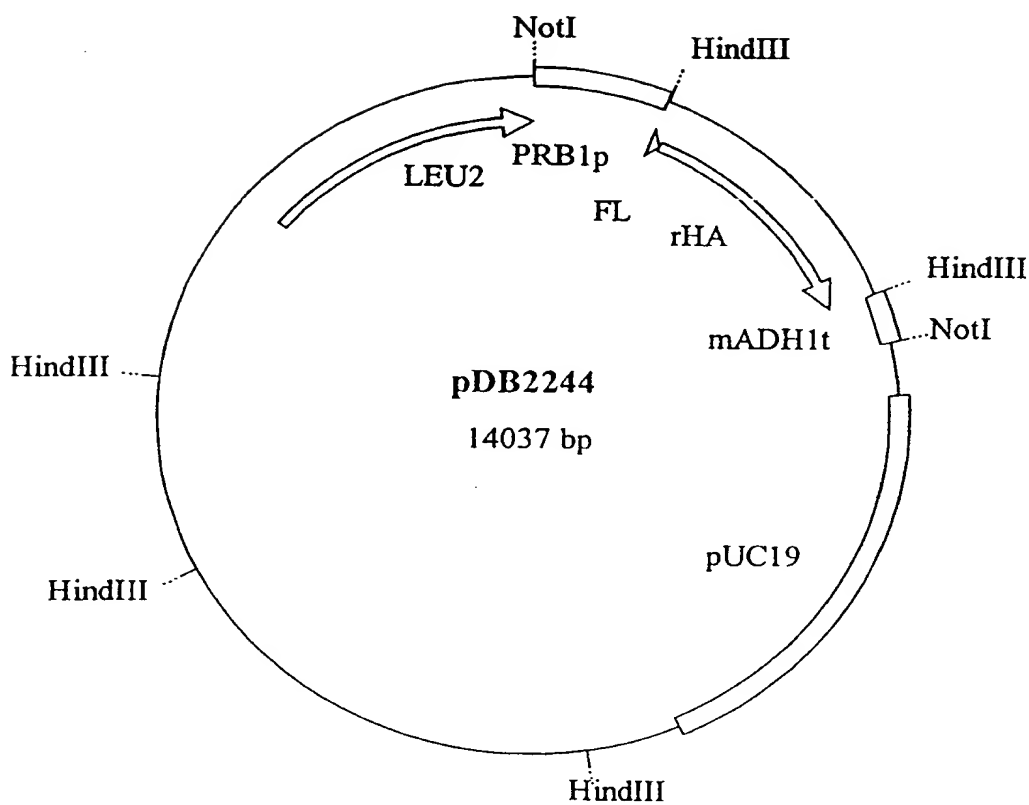


Figure 7

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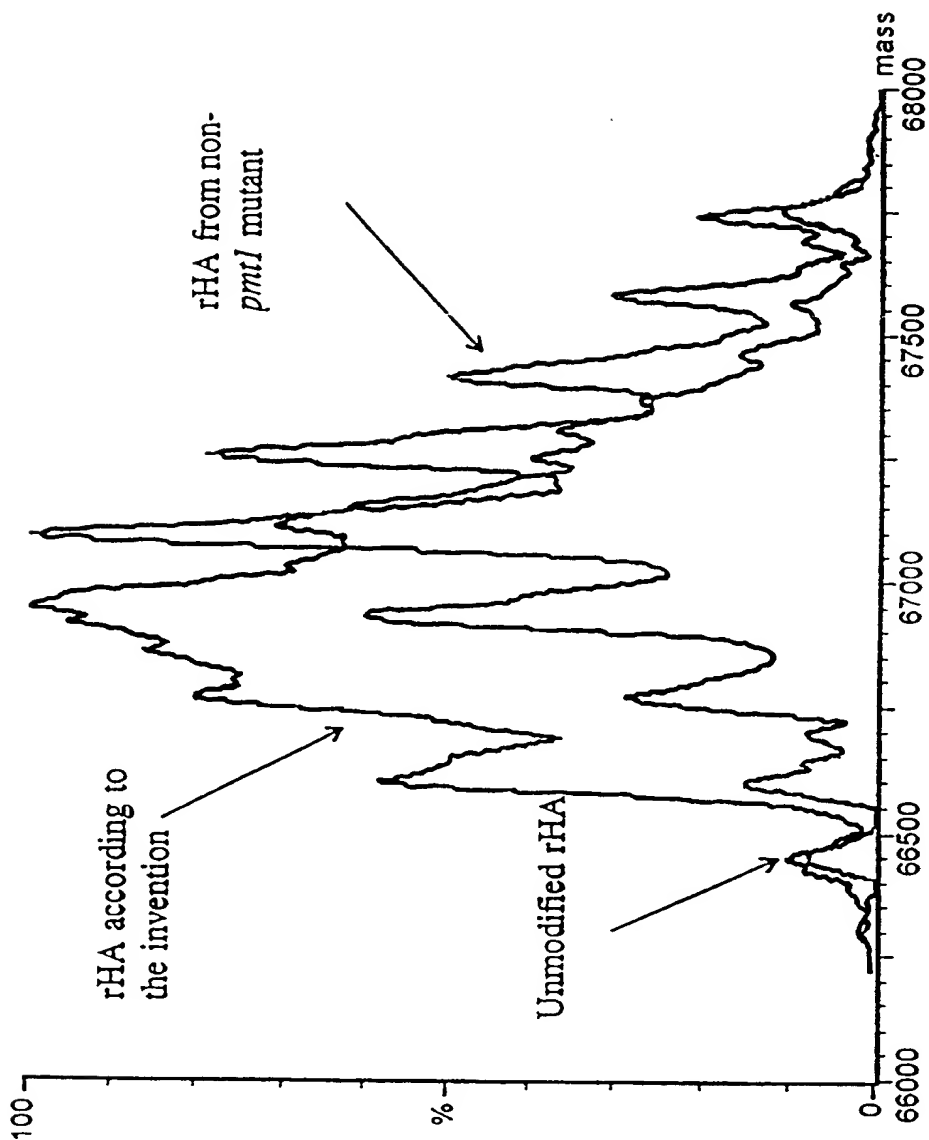


Figure 8



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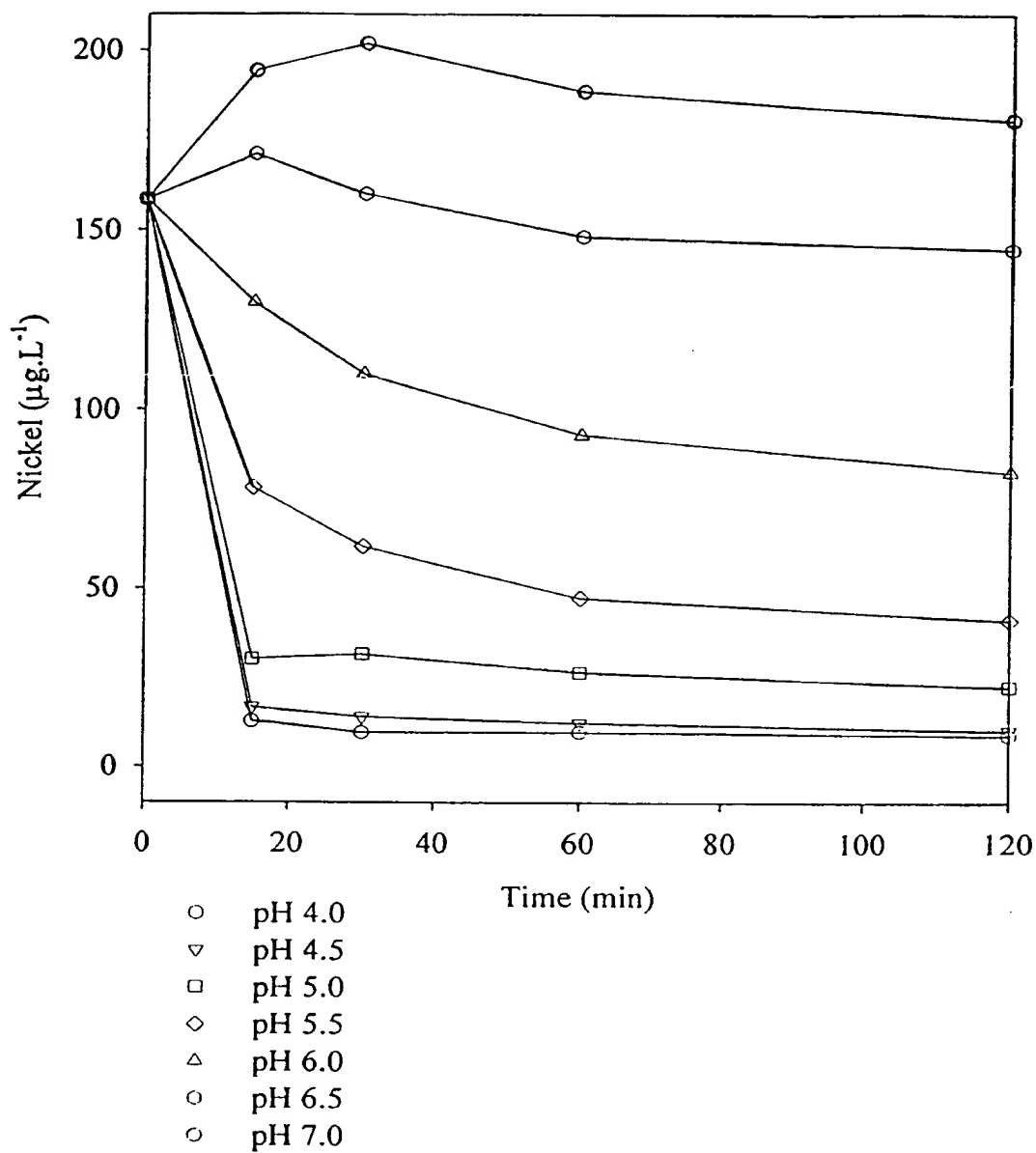


Figure 9

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5'-GATTGGCAGAAGAGGTATCTGCTTATGGACATGAGGGGCTTTGGCGGT  
GATGCCAATGATGACTTTGTTGTGGAGATTGCCAAGGATCTTTCAACTAC  
TGAAGAAGCTAAGGAAAACGTTAGGGCCATTCAAACGTGTTTTTAGATTGA  
GACATGCGATGACTGGTTGTTACTTGTTCTCCACGAAGTCAAGCTTCCC  
AAGTGGGCATATGAGCAACAAGAGGTTACTTGCTACTCAAGGTATCAA  
ACCCTATCTTACTGGTACGTTGAGACCAACGAAAACCCATTCTTGGATAA  
AGAGGTTGATGAAATAGTTAGCTATCCTGTTCCGACTTTCTTTCAAAGGTT  
GCCGACTCACGCCAGAATGTGGAAGATCAACAAGGCTTACTGATCATATG  
CTATGAATCCAGTCCAGATCTTGG-3'

Figure 10

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5'-GTGTTGCAGTTGTAGTCCCACCTTGAGTATCTTGGATTCGTTGCATTGGT  
CCTTGGTCCATCGTCCTGCATAGATCAATGGGAGAATATCTTTGGAAGAT  
AGAAAGCGCAACGGCAAAAAAGAGAACGAATATGGAGTAAGACACAACC  
TGTTTGTGTTTTGAAGACATAAGAGTGAATAATCTCAAACACATGTCCGAG  
AGCCAATATACCAAAGTACAATGATGGTAGATAGTGGTGCAAAAATAGCT  
GACGGGCCATAAGGGAAAGATGGCAAGTAATGCAGTACCCATCCTAGGA  
TGTAATGAAGCATTTGAACATTGAAGTTGAGCACAGTTGGGTCAACGCTG  
AACCCAAAACCTCTTTGCCTCTCAGAATAGAGAAACCAAAAAGACAGAG  
AACAAAGCATACTTGCGGTGACTGTCACCAAGTGACAGCATTCTATGAA  
ATAAATTG-3'

Figure 11

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5'-TACGTTATGGATGTGCATCCACTTCCTGAAGCTTCTCATCGGCAACCTT  
TTGAATCTGCAATTTATTATCTTCATTGAAGGCAAGCTTGAACACTTTGAC  
GGTAGAAAGACGAGCGACAACCAAGAATTGCCCCGTCAGAAGTGAGATCA  
CAATGGGTGATGTTGTCCTCATCGCTTAGGACCAGTTTGGCTAATAGTTTT  
CTGCCTTGCTGAGGAAGGACTTTCCATACTTTAATGGTTTGGTCTTGCCCA  
TGATCACCAGCTTCTGGGATTTATTGAAAAGGACAGTTTGATCGTTTCAG  
GGAATACTGACAGTCTTTGAATTTTCGCAGTCTTGAAACGATTCAGCTTAG  
AAACGGCTATGTCTGACAATGATGCTTCAGATAGTACAGATCGAGGTCCT  
GGATTGG-3'

Figure 12

5'-GCGCAGGTGACTTCTTGCTGGAAAATGTGCTACAAGGAGGTAAAGACC  
GTGTCATTGAGGGCCTGGTTTGGTCTACTTATGACGATTACCCTCGTCGTC  
TGTTTTCCATTGGTGGTTCGACTGTGATGACCGAATGGGATATTGCTACCG  
GTTTGCCCTTAAACAACACTACGATTGTAACCTCCGGTATCACCTGGAGTATC  
AGCATCAACACAACACTCAGGATAAGATATGCGTAGGCTGTGACAATGGAA  
CTGTAGTCGTTATTGACATAAGTGGTGGACCGGGATCTCTAGTATAAGAA  
AATTGTATCCGGATGTTCTGATGGCCGATAAGGATATGGAATACGAGGAA  
G-3'

Figure 13

5'-GTATTGCAGTTGTAGTCCCAGAATGAATTGCTCTTTTAATTGTTCTTTTT  
GGCTGGAGAAGTGCTCGTATGTCTTGATCGATGAGATACAGCTGAGATTT  
AAGTTGTTCTAGGTTGATAGTTGAATGTTTCAGAGTTGAGGGGTTCCATGG  
TCAAGTATAGGAGGATCCAGCTCATCTAGGGAGTGGAATTGAGTACTGAC  
ACTCATTACTGGAAGAAGTAGAAAGAGTACTGGTTTTGTGGTAAGTTCCA  
TATTTTCAGATGTCTGTAGATGGTCGAGCGAGGTGAACATTTTCATAGGAGA  
TTTCAGAGGAGTTGGACTTTGAAAATGGTGACAAAAGGTAGACAGAAGA  
AAGGTTAGAGAGTGCAGTGATTCAAGGTGGTTGCAGAAGTCC-3'

Figure 14

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5'-TTGAGACATGCTATGACGGGTCAAGTTTTTAGATAAAAGTTGGACTCTTG  
GGCATGAGCGCATCCTCACATCGGCCATAGCAGATAAACGGTAGCAGTTT  
TTTTGAACGAGGCTGTAAGATAGGGGAATCTCCGTTTTAGGCTTTCAGTG  
ACTTGTTGCATCGCAATGGGTAGATATGTTTCACCAGTGGCAAAGCTCTG  
GATGCTATGAACTGACCAAATGTGGATTAGAACTTGGAGTCTAACTATT  
TGACTCTAAGAATTTCCAATTTTTGCCTTCTACTAGCCATTTTCTACTTTC  
ATGGGACATCATCACTTATTTGCTCCCCAACCTGTCAAATACCCACCAAT  
GTTCAAGGTCG-3'

Figure 15

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5'-AGATTGAGACATGCTATGACGGGTTGTTACTTGTTCTCCCGCGAAGTCA  
AGCTTCCCAAGTGGGCATATGAGCAACAAGAGGTTACTTGTGCTACTCAA  
GGGTATCAAACCACTATCTTACTGGTACGTTGAGACCAACGAAAACCCAT  
TCTTGGATAAAGAGGTTGATGAAATAGTTAGCTATCCTGTTCCGACTTTCT  
TTCAAAAGGTTGCCGAGCTACACGCCAGAATGTGGAAGATCAACAAGGG  
CTTAACTGATCATCATGTCTATGAATCCAGTCCAGATTCTTGGCCCTTCCT  
GTCAGAGGTATAAGCTACTGGTCAAAAAATCACTCCAAATTATTTCATAG  
GTAATGCTGCACTTGGTGGACAGTCACCGAAGTTTG-3'

Figure 16



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5'-GTGTTGCAGTTGTAGTCCCAGTTGAGTATCTTGGATTTCGTTGCATTGGT  
CCTTGGTCCATCGTCCTGCATAGATCAATGGGAGAATATCTTTGGAAGAA  
GAAAGCGCAACGGCAAAAAAGANAACGAATATGGAGTAAGACACAACCT  
GTTTGTGTTTTGAAGACATAAGAGTGAATAATCTCAAACACATGTCCGAGA  
GCCAATATACCAAAGTACAATGATGGTAGATAGTGGGTGCAAAAATAGCT  
GACGGGCCATAAGGAAAGATGGCAAGTAATGCAGTACCCATCCTAGGAT  
GTAATGAAGCATTGTAACATTGAAGTTGAACACAGTTGGGTCAACGCTGA  
ACCCAAAACCTCTTTGCCATCTCAGAATAGAGAAAACCAAAAAGACAGA  
GAACAAAGCA-3'

Figure 17

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